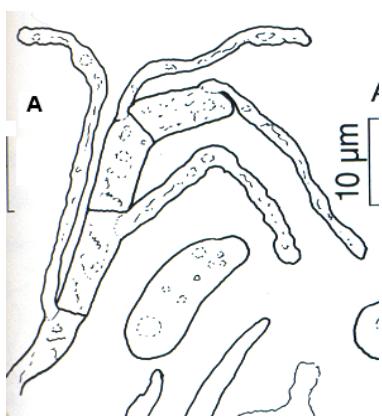
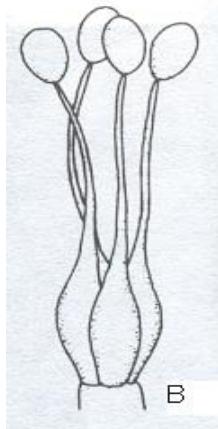


Jelly-like fungi

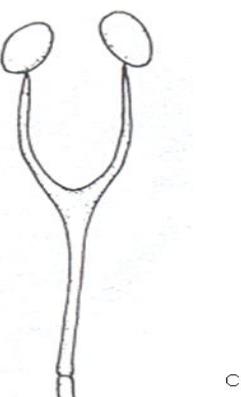
Heterobasidiomycetes or Phragobasidiomycetes - jelly fungi.
A fungus with a septate basidium or if not septate then deeply divided.
Large irregularly shaped sterigmata
A single celled basidiospore is produced on each elongated sterigmata.



A. Heterobasidium, (*Auricularia*)



B. Heterobasidium (*Tremella*)



C. Heterobasidium (*Dacrymyces*)

Auricularia auricula-judae

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Auriculariales
Fruit body. Large gelatinous, wrinkled fruit bodies, shell or ear shaped, to 100mm. The upper surface is smooth or very finely velvety. The fertile surface is smooth. Tough and elastic when dried.
Spore print. White
Habitat., grows in clusters on old wood.

Auricularia cornea syn *Auricularia polytricha*

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Auriculariales
Fruit body. Large gelatinous, wrinkled fruit bodies, shell or ear shaped, densely pubescent upper surface . the fertile surface is smooth. Size to 100mm
Spore print. White.
Habitat. On damp old wood.

Calocera Sp.

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Dacrymycetales
Fruit body. Finger like gelatinous unbranched projections, yellow to orange, paler at the base and with a pointed apex, to 2.5 cm tall.
Spores. Colorless
Habitat. On damp old wood.

Dacryopinax spathularia

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Dacrymycetales

Fruit body. Small flattened jelly-like , yellow to orange fungus to 2cm, flattened apically and occasionally forked., with a stalk like base.

Spore print. Hyaline to whitish

Habitat. On damp old wood and branches.

Heterotextus miltinus

Golden Jelly bells

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Dacrymycetales

Fruit body. Small jelly – like fungus with bell shaped fruit bodies.

Spores. Colourless

Habitat.Grows on damp wood.

Leucogloea compressa

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Tremellales

(? Misnamed in Fuhrer 2005 as Sirobasidium brefeldianum)

Fruit bodies. Small globose fruitbodies, white, gelatinous – cartlaginous

Spores. Hyaline.

Habitat. on damp rotting wood.

Pseudohydnum gelatinosum

Jelly tongue

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Tremellales

Fruit Body Finely felty brownish grey upper surface, to 5 cms in diameter, the lower fertile surface has tooth-like projections, 3-4 mms long and conical in shape. The basidia are longitudinally septate.

Spores, hyaline to whitish

Habitat. In tiers on damp old wood.

Tremella fuciformis

Jelly fungus

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Tremellales

Fruit body. Convoluted, gelatinous, thin with overlapping layers, translucent white. The basidia are longitudinally septate.

Spores, Hyaline to whitish

Habitat. On damp old wood.

Habitat. On dead wood.

Septobasidium clelandii

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Septobasidiales

Fruit body. This fungus is a parasite of the female coccid bug, *Callocooccus leptospermi* and forms a hyphal mat does not penetrate the branch, but encloses the insect without killing it.

Spores Colourless, they are produced on the black fruiting bodies.

Habitat On the host insect on the branches of living leptospermum trees.,

Tremella fimbriata syn foliacea

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Tremellales

Fruit body. Dark brown with a glutinous surface, deeply lobed, masses on moist dead logs.

Spore print. White.

Habitat. On dead wood.

Tremella globispora

Syn.*Tremella candida var. globospora*

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Tremellales

Fruit bodies. Soft, translucent, irregular globules.

Spores. Colourless.

Habitat. On old wood. Usually parasitic on other fungi, particularly an ascomycete.

Tremella mesenterica

Division Eumycota Subdivision Basidiomycotina Class Heterobasidiomycetes Order Tremellales

Fruit body. Orange with a glutinous surface, deeply furrowed, brain-like masses on moist dead logs.

Spore print. White.

Habitat. On dead wood.